

ABSTRACT OF THE DISCLOSURE

A self-adjusting release bearing in the form of a tapered rolling bearing for a separating clutch disposed between an internal combustion engine and a gearbox of a motor vehicle, includes a non-rotating first bearing ring, a revolving second bearing ring, and a plurality of rolling elements guided between the first and second bearing rings. Supported upon a calotte-shaped section of one of the first and second bearing rings in a contact zone is an adjustment ring having a complementary calotte-shaped section to thereby allow pivoting of the release bearing, whereby a sliding element made of thermoplastic material is disposed in the contact zone.